



Receipt
#5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Amit A. Nanavati, et al. Confirmation No. 2569

Serial No.: 09/898,162

Examiner:

Filed: July 3, 2001

Group Art: 2661

For: OPTIMAL CLUSTERING OF MASTER-SLAVE AD-HOC WIRELESS
NETWORK

Commissioner for Patents
Washington, D. C. 20231

CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

I hereby certify that the attached correspondence comprising:

1. Acknowledgement Postcard
2. Notice to File Missing Parts of Nonprovisional Application
3. Response to Notice to File Missing Parts of Nonprovisional Application
4. Executed Declaration and Power of Attorney
5. Assignment to IBM with Recordation Form
6. Information Disclosure Statement
7. PTO-1449 Form with References
8. Request for Change of Inventorship and Corrected Official Filing Receipt
9. Copy of original Official Filing Receipt
10. Submission of Formal Drawings

is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

*Commissioner for Patents
Washington, D.C. 20231*

on October 17, 2001.

Kathy Cognatello

(Type or print name of person mailing paper)

Kathy Cognatello

(Signature of person mailing paper)

Docket No.: JP920010141US1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Amit A. Nanavati, et al.
Serial No.: 09/898,162
Filed: July 3, 2001
Confirmation No. 2569

Docket No. JP920010141US1
Group Art Unit: 2661
Dated: October 17, 2001

For: OPTIMAL CLUSTERING OF MASTER-SLAVE AD-HOC WIRELESS
NETWORK

Commissioner for Patents
Washington, D.C. 20231

Attn: APPLICATION DIVISION, SPECIAL HANDLING UNIT

**RESPONSE TO NOTICE TO FILE MISSING PARTS
OF NONPROVISIONAL APPLICATION**

Sir:

Submitted herewith is a Declaration, properly signed by the Applicants
referencing application Serial No. 09/898,162 as originally filed on July 3, 2001.
Accordingly, the above-identified application is now complete.

Please charge Deposit Account No. 09-0468 in the amount of \$130.00 for the
surcharge for filing the Declaration on a date later than the filing date of the application.

Respectfully submitted,

By *Stephen C. Kaufman*
Stephen C. Kaufman (Reg. 29,551)
Attorney for Applicants
914-945-3197

IBM Corporation
Intellectual Property Law
P.O. Box 218
Yorktown Heights, N.Y. 10598
Fax: 914-945-3281



3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Amit A. Nanavati, et al.

Docket No. JP920010141US1

Serial No. 09/898,162

Group Art Unit: 2661

Filed: July 3, 2001

Examiner:

Batch No.:

Confirmation No.: 2569

For: OPTIMAL CLUSTERING OF MASTER-SLAVE AD-HOC WIRELESS
NETWORK

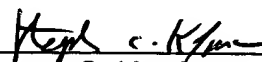
Commissioner for Patents
Washington, D.C. 20231

SUBMISSION OF FORMAL DRAWINGS

Sir:

Submitted herewith are four (4) Formal Drawing sheets for filing in the
above-identified application.

Respectfully submitted,



Stephen C. Kaufman
Reg. No. 29,551
Telephone: (914) 945-3197

IBM CORPORATION
Intellectual Property Law Dept.
P.O. Box 218
Yorktown Heights, NY 10598
Fax: (914) 945-3281

Date: October 17, 2001

#5

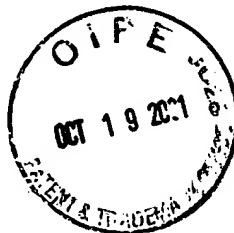


UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/898,162	07/03/2001	Amit Anil Nanavati	JP920010141US1

5CK
IBM CORPORATION
INTELLECTUAL PROPERTY LAW DEPT.
P.O. BOX 218
YORKTOWN HEIGHTS, NY 10598



CONFIRMATION NO. 2569

FORMALITIES LETTER



OC000000006459649

Date Mailed: 08/22/2001

DUE 10/22/01

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

M. L.
Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

18/29/2001 MABAWI

00000001 09090162

02 FC:105

130.00 CH

IBM
YORKTOWN
2001 AUG 27
INTELLECTUAL PROPERTY
LAW DEPT.



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/898,162	07/03/2001	2661	728	JP920010141US1	4	21	3

56k

CONFIRMATION NO. 2569

IBM CORPORATION
INTELLECTUAL PROPERTY LAW DEPT.
P.O. BOX 218
YORKTOWN HEIGHTS, NY 10598



FILING RECEIPT



OC000000006459648

Date Mailed: 08/22/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Amit Anil Nanavati, Residence Not Provided;
Kannan Balaji, Residence Not Provided;
Sanjiv Kapoor, Residence Not Provided;
Lakshmi Ramachandran, Residence Not Provided;

Assignment For Published Patent Application

International Business Machines Corporation, Armonk, NY;

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 08/21/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

Optimal clustering of master-slave ad-hoc wireless network

151
27 01 9:44
PROPERTY

Date: 08/22/2001

~~_____~~

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, DC 20231



#6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Amit A. Nanavati, et al
Serial No.: 09/898,162
Filing Date: July 3, 2001

Docket No. JP920010141US1
Group Art Unit: 2661
Confirmation No.: 2569

For: OPTIMAL CLUSTERING OF MASTER-SLAVE AD-HOC WIRELESS NETWORK

Assistant Commissioner for Patents
Washington, D.C. 20231

**REQUEST FOR CHANGE OF INVENTORSHIP
AND CORRECTED OFFICIAL FILING RECEIPT**

Sir:

Note that pursuant to 37 CFR 1.41, the names of the inventors and the order of the inventors are dictated by the executed oath/declaration. Therefore, the name and order of inventors (as dictated by the attached Declaration) should read:

Amit Anil Nanavati
Kannan Balaji
Sanjiv Kapoor

Please issue a Corrected Filing Receipt to indicate the correct inventors and charge any fee necessary to Deposit Account 09-0468.

Respectfully submitted,

Stephen C. Kaufman
Registration No. 29,551
(914) 945-3197

IBM CORPORATION
INTELLECTUAL PROPERTY LAW DEPT.
P.O. BOX 218
YORKTOWN HEIGHTS, NEW YORK 10598

Dated: October 17, 2001